Depth	Contents	Reference to last Measurement
6	and cc. Road	18

cc Road
cc drain
cc culvert

15/4/15

RA Bill No I Mr Final

BR-02/21-4/14

M.A.R. 57 (Rule 116)

Measurement Book

No. A/10 194664

Serial No. Code no 008-14-000097

Name of work. Construction of Culvert From cc drain and Culvert To Concrete patch works in Bpo da gara in ward no. 8

Name of Contractor or nature of Agency. Sri. krishna gouda patil Contractor

Date of commencement of work. Work order no. EE1/BYP/BBMP/E-Part1 256/2013-14 Dt 31/01/14

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Clean-do	① Earthwork excavation by manual means in ordinary soil involving an average lift horizontal throw upto 2.00 mts. etc cc drain Glass factory road. LHS	1	30.00	1.00	0.75	22.50 Cum	
	RHS	1	30.00	1.00	0.75	22.50	
		1	8.30	1.00	0.75	6.23	
	cc drain Glass factory road Silt removal.	1	30.00	0.60	0.35	6.30	
		1	30.00	0.60	0.35	6.30	
		1	6.15	0.60	0.35	1.29	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	CC Road Glass factory Rd	1	30.00	5.10+5.0 / 2	0.20	30.30 Cum	
		1	30.00	5.0+5.15 / 2	0.20	30.45 "	
		1	6.15	5.15+5.1 / 2	0.20	6.30 "	
					Total	132.17 Cum	
					Limited to	124.40 Cum	
	Item-do (2) Earthwork cutg for drains and building Colonys Water supply, Sanitary line and electrical conduits etc.					Cft 65.22 / Cum R 811387	
		1	6.40	1.35	1.20	10.32 Cum	
		1	2.50	1.35	1.20	4.05 "	
					Total	14.42 Cum	
					Limited to	13.77 Cum	
						Cft 150.22 / Cum R 2068.53	

Serial No.....

Name of work.....

Name of Contractor of nature of Agency

Date of commencement of work.....

Date	Full description, etc, of work
1	2
	Item-do (3) loading and unlo... etc complete. – C...
	Item-do (4) providing and l... of Mix M-7.50 with ... CC drains Glass-factory Rd Lath's
	CC road Glass factory road

cc Road Glass factory Rd

4/2/14

OK

h	Depth 6	Contents 7	Reference to last Measurement 8
0	0.20	30.30 Cum	
.15	0.20	20.45 "	
.1	0.20	6.30 "	
	Total	132.17 Cum	
	Limited to	124.40 Cum	
	building CR 65.22/Cum R 8113.37		
	electrical Conduits etc.		
	1.20	10.32 Cum	
	1.20	4.05 "	
	Total	14.42 Cum	
	Limited to	13.77 Cum	
	CR 150.22/Cum R 2068.53		

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4/2/14

M.A.R. 57 (Rule 116)

Measurement Book

No. A/10 194665

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
Item do	③ Loading and unloading of Stone boulders / Stone aggregates						
	Etc Complete. — Qty vide Item No. ① + ② ie					138.17 Cum	
					CR	77.46/Cum R	10702.65
Item do	④ providing and laying in position plain Cement Concrete of Mix M-150 with opc Cement @ 180 kg using Hammer & drum.						
	CC Road Glass factory Rd Left	1	30.00	0.90	0.15	4.05 Cum	
		1	30.00	0.90	0.15	4.05 "	
		1	8.30	0.90	0.15	1.12 "	
	CC Road Glass factory Road	1	30.00	5.145.0	0.15	22.73 "	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	30.00	$\frac{5.0+5.15}{2}$	0.15	22.84 Cum	
		1	6.15	$\frac{5.15+5.1}{2}$	0.15	4.73 "	
	Culvert 2nd Cross	1	6.40	1.20	0.15	1.15 "	
		1	2.50	1.20	0.15	0.45 "	
					Total Only	61.91 Cum	
				Length to 56.8 Cum		Ch 6240.93 Cum	Rs 2,61,282.42
	Item No. ⑥ providing and laying steel reinforcement for the work including straightening, Cutting, Bending &c.						
	2nd Cross Lhs 10mm	40	Length	Total length			
	8mm	456	2.60	1185.60 Kg			
		18	68.30	1229.40 "			
	Culvert - 16mm Double mat	64	3.20	204.80 "			

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12/2/14

12/2/14

Serial No.....

Name of work.....

Name of Contractor of nature of Agenc

Date of commencement of work.....

Date	Full description, etc, of work
1	2
	12 nos
	16 mm Bridge mat
	12 nos
	Deck mat - 16mm
	Crank rods
	12 nos
	16 nos
	Crank rods
	12 nos

T BOOK

Dimensions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
5.0+5.15 / 2	0.15	22.84 Cum	
5.15+5.1 / 2	0.15	4.73	
1.2	0.15	1.15	
1.20	0.15	0.45	
	Total Only	61.11 Cum	
Lumber to 56.81 Cum		Cft 6240.93	
		Cum Rs 2,61,282.42	
ents for Rce work			
Sanctioning Dt.			
Total length			
1185.60 mt			
1229.40			
204.80			

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Dep
12/2/14

M.A.R. 57 (Rule 116)

Measurement Book

No. A/10

194666

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	12 mm	26	6.40	166.40 sqmt			
	16 mm Bridge mat	18	3.20	57.60			
	12 mm	26	2.50	65.00			
	Deck Mat - 16 mm	32	1.20	38.40			
	Crack mat	32	1.50	48.00			
	12 mm	12	6.40	76.80			
	16 mm	9	1.20	10.80			
	Crack mat	9	1.50	13.50			
	12 mm	12	2.50	30.00			

OK

h	Depth 6	Contents 7	Reference to last Measurement 8
8	kg/cont –	584.50 kg	
89	kg/cont.	301.00 kg	CR/Ke
62	kg/cont –	785.07 kg	
31	kg/cont –	479.47	18/2/14
	Total	2105.03 kg	
	Say	20.94 Qtls	
		CR 7306.91/Qtls Rs 153006.70	
		shuttering	
		form works.	
	0.45	90.00	
	0.45	90.00	

M.A.R. 57 (Rule 116)

Measurement Book

No. A/10 194667

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Culvert bottom	4	8.36	-	0.75	24.90 Sqmt	
		4	6.40	-	0.90	23.04 "	CR/Ke
	Culvert Deck Slab - Bottom	4	2.50	-	0.90	9.00 "	
		1	6.40	0.80	-	5.12 "	
	Culvert Deck slab Top	1	2.50	0.80	-	2.00 "	
		2	6.40	-	0.23	2.94 "	
		2	2.50	-	0.23	1.15 "	
		4	1.20	-	0.23	1.10 "	
					Total	249.26 Sqm	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
			Brought to 240.26 Sqm				
			-CR 268.37 Sqm			Rs 64478.58	
	Item No. (5) providing and laying in position reinforced cement Concrete of design mix M20 with OPC Cement @ 320 kg. with down & down slope.						
	CC drain Glass factory road LHS Bottom.	1	30.00	0.90	0.10	2.70 Cum	
		1	30.00	0.90	0.10	2.70 Cum	
		1	8.30	0.90	0.10	0.75 "	
	CC drain Glass factory road LHS Sidewall.	2	30.00	0.15	0.75	6.75 "	
	CC Drain 2nd Carriage road RHS	2	30.00	0.15	0.75	6.75 "	
		2	8.30	0.15	0.75	1.87 "	

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Serial No.....

Name of work.....Fr

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number
1	2	3
	Culvert Bottom	1
	Culvert Sidewall "	1
		2
	Culvert deck slab	2
		1
		1

Depth 6	Contents 7	Reference to last Measurement 8
26 Sqm		
.32/Sqm		Rs 64478.58
nforced cement		
ent @320kgs -		
0.10	2.70 Cum	
0.10	2.70 Cum	
0.10	0.75 "	
0.75	6.75 "	
0.75	6.75 "	
0.75	1.87 "	

M.A.R. 57 (Rule 116)

Measurement Book

No. A/10 194668

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Culvert Bottom	1	6.40	1.20	0.20	1.54 Cum	
	Culvert Side wall "	1	2.50	1.20	0.20	0.60 "	
		2	6.40	0.20	0.90	2.30 "	Cement Dep 25/2/14
		2	2.50	0.20	0.90	0.90 "	
	Culvert deck slab	1	6.40	1.20	0.20	1.72 "	
		1	2.50	1.20	0.20	0.69 "	
					Total Cum	29.51 Cum	
				Limited to		27.9 Cum	
					CAS	5583.36 Rs	155887.41

Cum

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	From abo (8) Rcc pre-Cast Covering Nos for drain (10cm thick)						
	cc drain Glass factory road Lft	1	30.00	0.90	–	27.00 Sqm	
		1	30.00	0.90	–	27.00 s	
	cc drain Glass factory	1	8.30	0.90	–	7.47 s	
	Road Silt removal,	1	30.00	0.90	–	27.00	
		1	30.00	0.90	–	27.00	
		1	6.15	0.90	–	5.54 s	
					Total	121.07	
					Less deduction	117.00 Sqm	
						CR/232.55 Rft 288.35 Sqm	
	From abo (9) providing and laying Cement Concrete using 20mm & down size granite fully ready mixed Concrete						

Serial No.....

Name of work.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Numb
1	2	3
	(RMC) for Rcc work cc road Glass factory Road.	(8

14/3/2014

epth 6	Contents 7	Reference to last Measurement 8
oad	(10cm thick)	
–	27.00 Sqm	
–	27.00 "	
–	7.47 "	
–	27.00	
–	27.00	
–	5.54 "	
otal	121.07	
ck in to	117.00 Sqm	
	Cft 1232.55 @ 144 208.35	
	Sqm	
ete		
y mixed Concrete		

M.A.R. 57 (Rule 116)

Measurement Book

No. A/10 194669

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	(RMC) for Retaining wall on 15 Cm. C.C road Glass factory Road.	Qard					
		1 –	30.00	5.1+5.0 / 2	0.10	15.15 Cum	Cqfc
		1	30.00	5.0+5.15 / 2	0.10	15.25 "	
		1	6.15	5.15+5.1 / 2	0.10	3.15 "	
					Total	33.53 Cum	
						31.00 Cum	
						@ 6400.23/Cum	Rs. 158407.00
						Total Amt	9,78,155.00

CBFC

16/14 30 Kg

S.D. (20%)

14/3/2014

Qty 16/3/14

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Certificate for the work done above satisfactorily		68.50	66.50m 166.5		CC Road CC drain culvert Existing drain covering slab	
				Walls Falling			
	NH 7 to Kogilahalli Road						
							16/11/19

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Serial No.....

Name of work.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Num
1	2	3
	97815=00 1222 85840=00	

Depth 6	Contents 7	Reference to last Measurement 8
	CC Road CC drain culvert Existing drain construction	
C. Road		

16/4/19

M.A.R. 5 (Page 116)

Measu ook

No. A/10 194670

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	97815=00 122751=00 858400=00 Thisthe forwards. ಲೆಕ್ಕಾಧಿಕಾರಿಯವರು ಮ್ಯಾಸರಾಯನಪುರ ಬಿಭಾಗ ಬೃ. ಬ. ಮ. ಪಾ ಕ್ರಮ		22/2/16.	II — 9782 — III — 39126 FSR — 53799 Cure — 9782 — CBR — 978 — Roy — 8784 — Fine — 500 — Total — 122751=00		